

Date: December 2, 1999

THE HONORABLE COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

Dear Sir:

Transmitted herewith for filing is the **UTILITY** patent application of:

Inventor(s): Tsung-I Yu

Title: SAFETY STRUCTURE OF A THREE-HOLE SOCKET

- ☒ 11 pages of written description, claims and abstract.
☒ FIVE sheet(s) of formal drawings.
☒ Executed Declaration and Power of Attorney
☐ Assignment Papers (cover sheet and documents)
☐ Certified Copy of Priority Documents
☒ Small Entity Statement(s)
☒ Return Postcard Receipt
☒ Preliminary Amendment
☐ Other: _____

☒ Filing Fee, calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA*
BASIC FEE		
TOTAL CLAIMS	4 - 20 =	0
INDEP. CLAIMS	2 - 3 =	0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

SMALL ENTITY	
RATE	FEE
	\$ 380.00
x 9	\$
x 39	\$
+ 130	\$
TOTAL	\$ 380.00

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 760.00
x 18	\$
x 78	\$
+ 260	\$
TOTAL	\$

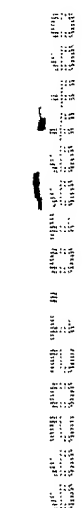
- ☒ One check ☐ two checks in the amount of \$ 380.00 to cover the filing fee and ☐ assignment recordation is (are) enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit our Deposit Account No. 22-0256 as described below. A duplicate of this sheet is attached.
- ☐ Charge the amount of \$ _____ to cover the filing fee and ☐ assignment recordation.
- ☒ Charge deficiencies in the enclosed fees or any additional filing fees required under 37 CFR 1.16.
- ☐ Charge any patent application processing fees under 37 CFR 1.17.
- ☐ Charge the issue fee set in 37 CFR 1.18 at the mailing to the Notice of Allowance pursuant to 37 CFR 1.311(b).
- ☒ Credit any overpayment.

SEND ALL CORRESPONDENCE TO:

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Respectfully submitted,
VARNDELL & VARNDELL, PLLC

R Eugene Varndell, Jr.
R. Eugene Varndell, Jr.
Registration No. 29,728



Applicant or Patentee: Tsung-I YU

Serial or Patent No.:

Attorney's Docket No.:

Filed or Issued:

For: SAFETY STRUCTURE OF A THREE-HOLE SOCKET

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 C.F.R. §1.9(F) AND §1.27(C)) - INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled: SAFETY STRUCTURE OF A THREE-HOLE SOCKET

described in:

- ☒ the specification filed herewith
☐ application serial no. , filed
☐ patent no. , issued

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 C.F.R. §1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 C.F.R. §1.9(d) or a nonprofit organization under 37 C.F.R. §1.9(e).

*Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☐ no such person, concern, or organization
☐ person, concerns or organizations listed below*

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 C.F.R. §1.27)

FULL NAME _____
ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NON PROFIT ORGANIZATION

FULL NAME _____
ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NON PROFIT ORGANIZATION

FULL NAME _____
ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NON PROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. §1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are belief to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Tsung-I YU
NAME OF INVENTOR

NAME OF INVENTOR

NAME OF INVENTOR

Tsung I
SIGNATURE OF INVENTOR

SIGNATURE OF INVENTOR

SIGNATURE OF INVENTOR

Nov. 22, 1999
DATE

DATE

DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Tsung-I Yu

Serial No.: new

Filed: December 2, 1999 (herewith)

For: SAFETY STRUCTURE OF A THREE-HOLE SOCKET

PRELIMINARY AMENDMENT

Honorable Commissioner
of Patents and Trademarks
Washington, D.C. 20231

December 2, 1999

Dear Sir:

Prior to an examination under merits, please amend the above-Identified application as follows:

IN THE CLAIMS:

Claim 1, line 1, change "Safety" to --A safety--.

Claim 2, line 1, change "Safety" to --The safety--.

Claim 3, line 1, change "Safety" to --The safety--.

Claim 3, line 2, delete "or Claim 2".

Claim 4, line 1, change "Safety" to --The safety--.

Please add the following new claim:

--5. The safety structure in a three-hole socket assembly according to Claim 2, whereof on one side of the bottom of the low level section of the left detent is formed a rectanguloid shoe to be matched with another rectanguloid shoe formed on the bottom of one side of the right detent by


the intervention of a spring seated in-between serving to push apart both detents.--

REMARKS

Applicant's claims have been amended to correct typographical errors and to remove multiple dependent claims. Early consideration and allowance of Claims 1-5 are respectfully requested.

In the event that this paper is not timely filed, applicant hereby petitions for an appropriate extension of time. The Commissioner is hereby authorized to charge the fee therefor, as well as any deficiency in the payment of the required fee(s) or credit any overpayment, to our Deposit Account No. 22-0256.

Respectfully submitted,
VARNDELL & VARNDELL, PLLC
(formerly Varndell Legal Group)


R. Eugene Varndell, Jr.
Registration No. 29,728

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E:\WDOCS\DEC99\P070-2046 PRE AMDT.DOC

TILTE: SAFETY STRUCTURE OF A THREE-HOLE SOCKET

BACKGROUND OF THE INVENTION:

(a) Field of the Invention

Safety Structure of a three-hole socket, more specifically the
5 incorporation of a safety device into a three-hole socket, so that
access to power supply is preconditioned by unmaking of the safety
device by the insertion of the neutral leg of a three-thong plug,
further that the safety device will always block the effort attempted
with a foreign material that is being inserted into either the B plus
10 hole or the ground hole, so that the conductor will remain intact and
electric shock avoided.

(b) Description of the Prior Art:

Considering conventional sockets, including the wallfoot type,
fixed not high enough on the wall to deny innocent kids' easy reach,
15 and the extension type which is often left unattended on the floor, a
common dread is that electric shock can break out anytime in the
event they, exposed naked, should be tampered with by naughty kids
by inserting nail, screwdriver bit, sharp edge of tool or toy into the
insert hole thereon, incidents of such nature have occurred so often
20 that they are no longer a surprising news, while on the other hand,
that the insert hole is directly linked to the conductor, as is the case
with conventional sockets, can easily invite worm inroads or dust
buildup therein, that eventually producing negative effects on
conductivity performance or oxidation, otherwise damage beyond
25 enumeration.

SUMMARY OF THE INVENTION

The primary object of the invention is to provide a safety

structure for three-hole sockets by the provision of a safety device inside the three-hole socket, so that playful attempts made by naughty kids or faulty attempts made by anybody to insert foreign material into any one of the three holes on the socket are checked
5 from coming into contact with the conductor inside, thereby avoiding electric shock incidents, while on the other hand, to gain access to power supply by way of the socket outlet, the user will have to unmake the safety feature by kicking it open with the neutral leg of the plug being employed, so as to force both the left and the
10 right detents which make up the safety device underneath both the B plus hole and the ground hole to yield inwards, so that the two working legs on the plug are allowed into contact with the conductor and the access is made, in a manner sure and safe enough at the same time.

15 A further object of the invention is to provide the safety structure of a three-hole socket which will frustrate any effort to thrust a foreign material or two singly or concurrently into the working holes, that is, the B plus hole and the ground hole by the blocking effect of the detents, this will largely prevent electric shock
20 otherwise occasioned by the unchecked insertion, committed by naughty kids, using a foreign material, out of curiosity, into the insert hole.

A further object of the invention lies in the provision of a safety feature in a three-hole socket, executed in a detent or tilted shield,
25 applied over the insert hole thereof, serving to seal the aperture so as to prevent entries of dusts or worms so as to keep the interior of the socket clean and clear, with durable conductivity assured.

BRIEF DESCRIPTION OF THE DRAWINGS:

Fig. 1 is a three-dimensional perspective of the invention; exploded analytically;

Fig. 2 is a three-dimensional perspective of the safety structure according to the invention;

Fig. 3 is a partially taken section view of the invention accomplished of assemblage;

Fig. 4 is an illustration of the invention safety structure laid out flat;

Fig. 5 is an illustration of how the invention checks an intruding foreign material, seen in a cross section view;

Fig. 6 is a top view of the invention in normal usage;

Fig. 7 is a cross section view of the invention in normal usage;

Fig. 8 is an illustration of the invention executed in a fixed type of socket assembly; and,

Fig. 9 is an illustration of the invention executed in an extension type of socket assembly.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

As shown in Fig. 1, Fig. 2, the invention design of a safety structure in a three-hole socket assembly comprises essentially a canopy 1, an inner lid 2 and a safety device 3, whereof :

The canopy 1 is executed to be a covering as applied on a regular fixed type socket or on an extension type socket, comprising, in addition to a grounding hole 11 and a B plus hole 12, semi-circular neutral hole 13 suitably positioned clear of both working holes 11 and 12;

The inner lid 2, executed to be a piece forming a coverture on

the conductor of the socket, on which are provided a ground passage hole 21, a B plus passage hole 22 and a neutral passage hole 23 corresponding to each, respective holes provided on the canopy 1, way between the neutral passage hole 23 and the link adjoining the ground passage hole 21 and the B plus passage hole 22 is formed a groove 24;

The safety device 3, comprising a left detent 31, a right detent 32 and a spring 33, is structured such that the left detent 31, being a step member, is flanged with a pusher 312 on one side of the high step section 311, the top of the pusher 312 is formed into a downgoing ramp 313, on the top of the other side of the high step section 311 juts a strut 314, the bottom opposite is formed into a container channel 315, also on one side of the bottom of the low step section 316 of the left detent 31 is formed a rectanguloid shoe 317, the right detent 32 is executed to be an L shape piece, on a forward point of one side thereof is formed a jutting pusher 321 on top of which is formed an inwardly inclined ramp 322, on the bottom of one side of the right detent 32 is formed a rectanguloid shoe 323; the spring 33 is a helicoid compression spring;

To assemble, the left detent 31 and the right detent 32 are united together by overlap match, such as is shown in Fig. 2, so that the right detent 32 is positioned right into the container channel 315 beneath the left detent 31, while the pusher 321 on the right detent 32 just circumvents the pusher 312 on the left detent 31, so that the two pushers 321, 312 are brought abutted upon each other, to bring the ramps 313, 322 on top into a V configuration, while rectanguloid shoes 317, 323 on the bottom of both the left and the right detents 31,

32 confront each other in symmetry, whereupon the spring 33 is set between both rectanguloid shoes 317, 323, so that it will bear upon the interior of both shoes 317, 323 respectively, to the effect that the left and the right detents 31, 32 are displaced outwardly, thereby
5 constituting a safety device 3; the device 3 is then mounted upon the Inner Cover 2, seating both shoes 317, 323 and spring 33 into the groove 24, such as is illustrated in Fig. 3, with the safety device 3 being in an exposed state the left detent 31 just covers up the B plus passage hole 22, while the right detent 32 covers the ground passage
10 hole 21, and the two pushers 321, 312 jointly cover up the neutral passage hole 23; once assembled to completion, with the canopy 1 in place, the neutral hole 13 set right above the midpoint of a straight line conceivably interconnecting both pushers 321, 312, while ground passage hole 11 and B plus passage hole 12 are seated
15 respectively above the left, the right detents 31, 32, as illustrated in Fig. 4 confronting symmetrically the ground passage hole 21 and B plus passage hole 22 down the left detent, right detent 31, 32 respectively, and that consummates a safety structure for a three-hole socket advocated hereunder.

20 The purpose of the invention is that to access power supply, the user will have to use a three-prong plug 4 for the longer neutral leg 43 of the plug 4 to pass the neutral insert hole 13 on the canopy 1 of the socket, as illustrated on Fig. 6, Fig. 7, in the first place, so that with its pressure bearing upon the ramps 313, 322, the neutral leg 43
25 will unmake the thus far engaged union of left detent 312 with right detent 321, compelling both detents 31, 32 to move inwardly, eventually exposing the ground passage hole 21 and the B plus

passage hole 22 theretofore being covered underneath, whereby the ground passage hole 21, and the B plus passage hole 22, are brought to a state ready to accept incoming ground insert leg 41 and the B plus insert leg 42, and when the insertion is made, ready access to the power supply is consummated on contact with the conductor, this being a normal usage condition, and with user's hand holding the rubber part of the plug 4, risk of electric shock is prevented, while the user pulls up the plug 4, the rebounding force of the spring 33 serves to bring both detents left and right 31, 32 back to a state wherein both resume coverup of both the ground passage hole 21 and the B plus passage hole 22 at the same time.

In the event innocent or naughty kids should apply a foreign material 5 singly into one of the ground insert hole 11 and the B plus insert hole 12, or concurrently into both holes 11, 12 at the same time, that effort being not potent enough to unbolt the left, right detents 31, 32 of the safety device 3, so the intruding foreign material is blocked off the ground passage hole 21, and the B plus passage hole 22, such as is shown in Fig. 5, that means a risk of electric shock is precluded from the beginning, and there lies the key feature of the invention, for by denying, foreclosing the intrusion of an incoming foreign material unchecked into contact with the conductor due to frustration imposed by a safety means composed of both detents left and right 31, 32 despiting its occupancy into the ground insert hole 21, and the B plus insert hole 22, chances or risks of electric shock are positively ruled out. Moreover, where the intrusion by a foreign material 5 is made with respect to the neutral insert hole 13, although in such an instance the two detents 31, 32,

right and left, by which the safety device is embodied may yield to allow passage into the neutral passage hole 23 underneath, the intruder may thus reach the conductor inside the neutral passage hole 23, the very fact that there is no current flowing through the conductor will safeguard the safety feature provided according to the invention all the same, whereby electric shock is precluded altogether. It will be appreciated then that by the design of a safety feature prosecuted according to the invention, embodied equally effective in a wall-foot type socket assembly or in an extension type of socket assembly risks of electric shock to innocent, naughty and playful kids are precluded once for all in so far as the presence of a socket outlet involving a safety concern is concerned. An additional advantage of the design to have both detents left and right 31, 32 of the safety device 3 covering up both the ground passage hole 21 and the B plus passage hole 22 on the inner lid 2 is the prevention of dust buildup inside, so that the intended conductivity performance of the socket is maintained all right, the shielding effect due to the coverup of the conductor within also helps to impede moisture inroads when the socket is installed in a toilet room, electricity leakage is ruled out altogether.

All in all, what this invention teaches and appeals is the structural design of a safety device for incorporation into a three-hole socket, without restriction as to its form of realization, for it may assume the form of a fixed type of socket assembly, as illustrated in Fig. 8, while the invention may be embodied in the form of a fixed type of socket assembly 60, such as that which is shown in Fig. 9, it may just as well be embodied in the form of an

extension socket assembly 60', so in short, any variation or substitution prosecuted without departing from the principles disclosed herein should be deemed falling within the context of the invention which is to be limited only by the claims declared in the

5 following.

SECRET

CLAIMS

1. Safety structure for a three-hole socket assembly, comprising : a canopy, an inner lid and a safety device, whereof the canopy on the surface is equipped with a ground insert hole and a B plus insert hole, plus a semi-circular neutral insert hole located independent of the ground hole and the B plus hole; the inner lid is a member applied upon the socket conductor and on the surface is provided with a ground passage hole, a B plus passage hole and a neutral passage hole, each corresponding with relevant hole provided on the canopy, characterized in that :

the safety device, comprising a left detent, a right detent and a spring, is structured such that the left detent, being a step member, is flanged with a pusher on one side of the high set section, the top of the pusher is formed into a downgoing ramp, on the top of the other side of the high step section just a strut, the bottom opposite is formed into a container channel, also on one side of the bottom of the low step section of the left detent is formed a rectanguloid shoe, the right detent is executed to be an L shape piece, on a forward point of one side thereof is formed a jutting pusher on top of which is formed an inwardly inclined ramp;

to assemble, the left detent and the right detent are united together by overlap match, so that the right detent is positioned right into the container channel beneath the left detent, while the pusher on the right detent just circumvents the pusher on the left detent, so that the two pushers are brought abutted upon each other, to bring the ramps into a V configuration, a spring seated

way between both detents once stretched to push both detents apart, will set the safety device installed on the inner lid of the socket, with both detents, left and right, of the safety device in a spreadout position just covering up the ground passage hole and the B plus passage hole, and both pushers covering up the neutral passage hole in the meanwhile; the neutral insert hole on the canopy being located just above the midpoint of a straight line interconnecting both pushers, the ground insert hole and the B plus insert hole being located respectively above the left pusher, the right pusher, in perfect symmetry with the ground passage hole and B plus passage hole underneath, and that consummates a safety structure for a three-hole socket assembly advocated hereunder.

2. Safety structure in a three-hole socket assembly according to Claim 1, whereof a groove is provided way between the neutral passage hole and the interlink interconnecting the ground passage hole and the B plus passage hole, on the inner lid, and it's a traverse groove.

3. Safety structure in a three-hole socket assembly according to Claim 1 or Claim 2, whereof on one side of the bottom of the low level section of the left detent is formed a rectanguloid shoe to be matched with another rectanguloid shoe formed on the bottom of one side of the right detent by the intervention of a spring seated in-between serving to push apart both detents.

4. Safety structure in a three-hole socket assembly according to Claim 1, whereof from one side of the higher level section of the left detent juts a pusher, while from the top of another side there juts a strutting block.

ABSTRACT

Safety structure in a three-hole socket assembly, interpreted to be a safety device added into a three-hole socket assembly, to keep an intruding foreign material from coming into contact with the conductor within, thereby preventing electric shock risks; the device is composed of two side-by-side detents overlapped interactively so that they may displace laterally, on one side of each is mounted a pusher whose top tilts downwards internally so that both pushers will cling together, to access power supply the neutral leg of the plug being employed to access power supply will kick the pusher so as to bring the left, right detents being blocked beneath the B plus insert hole and the ground insert hole shifting inwards, just to allow penetration by the other two working legs of the engaging plug into contact with the conductor, whereupon power is accessed in a safe and worry-free manner.

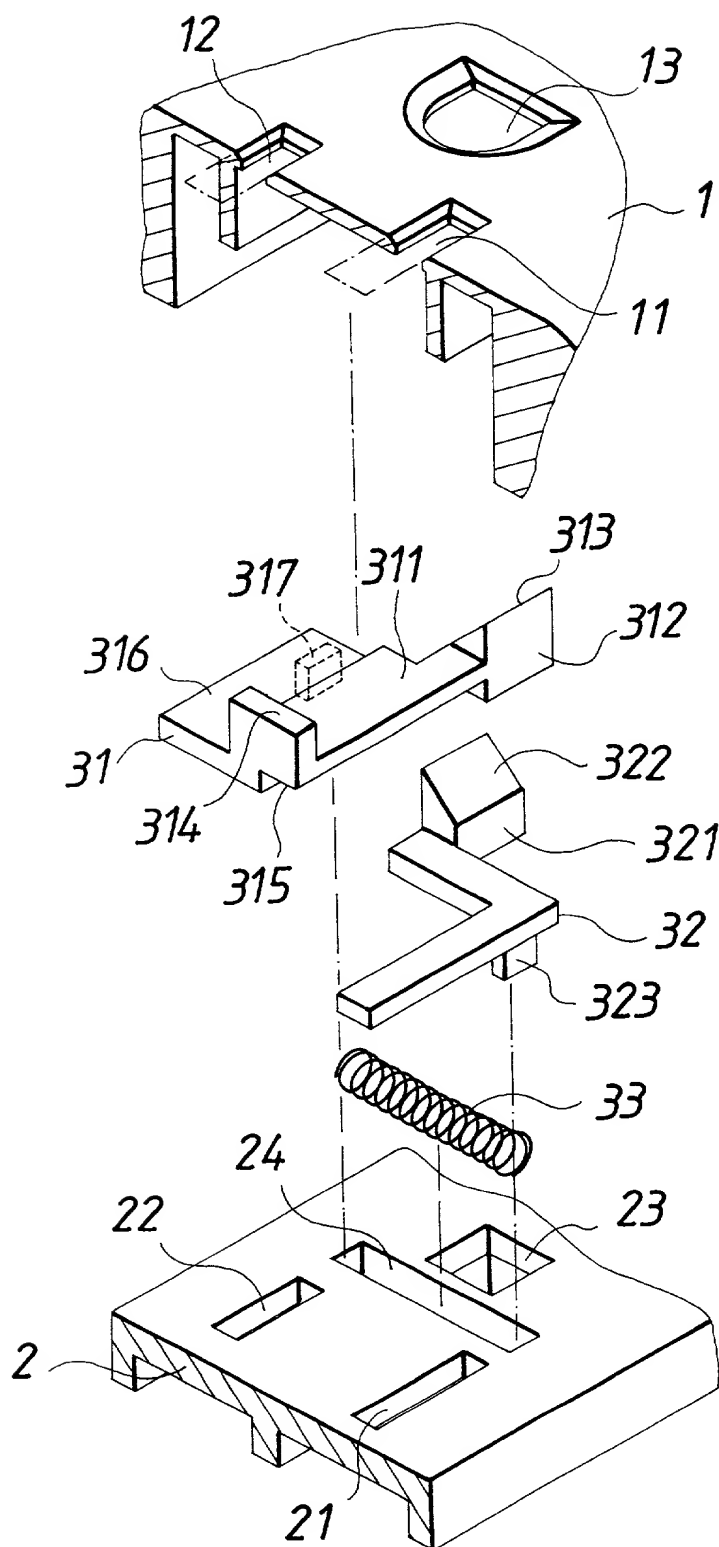


FIG. 1

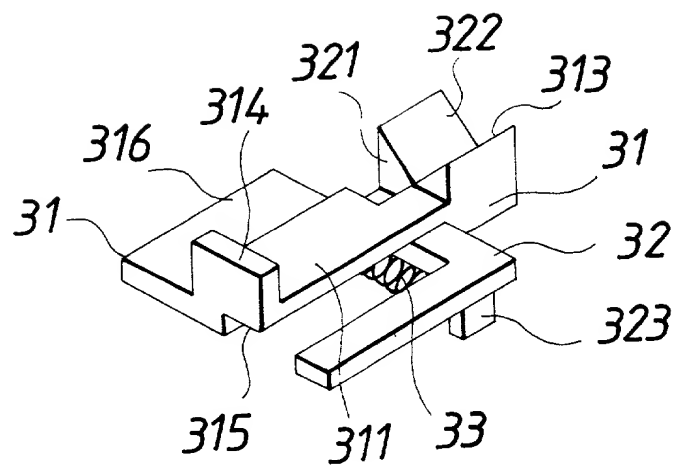


FIG. 2

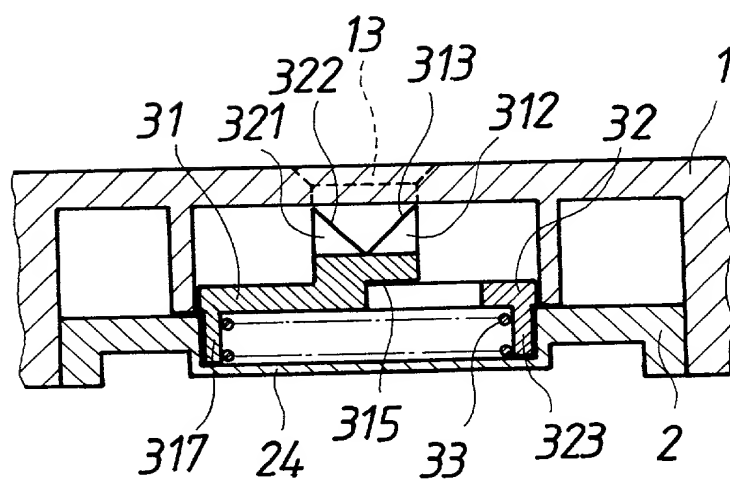


FIG. 3

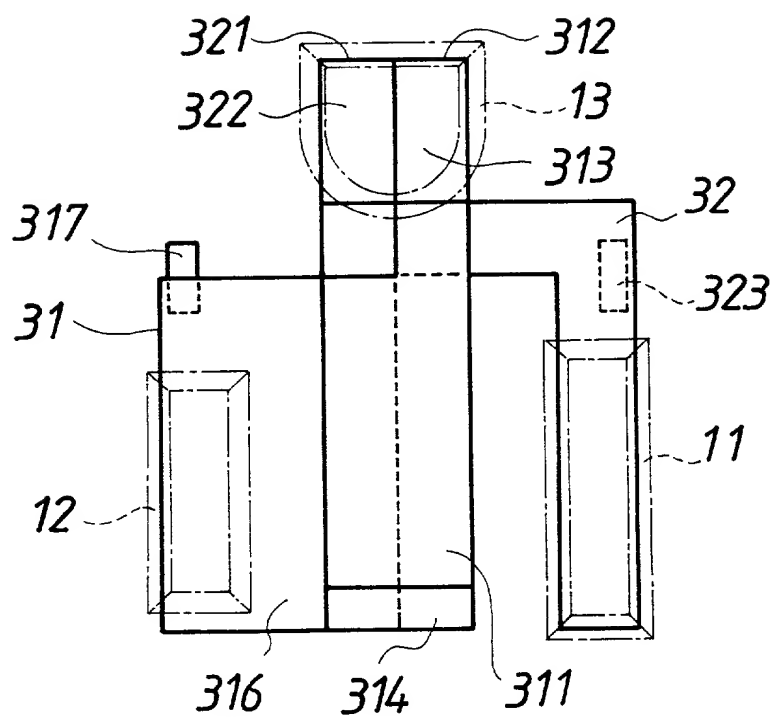


FIG. 4

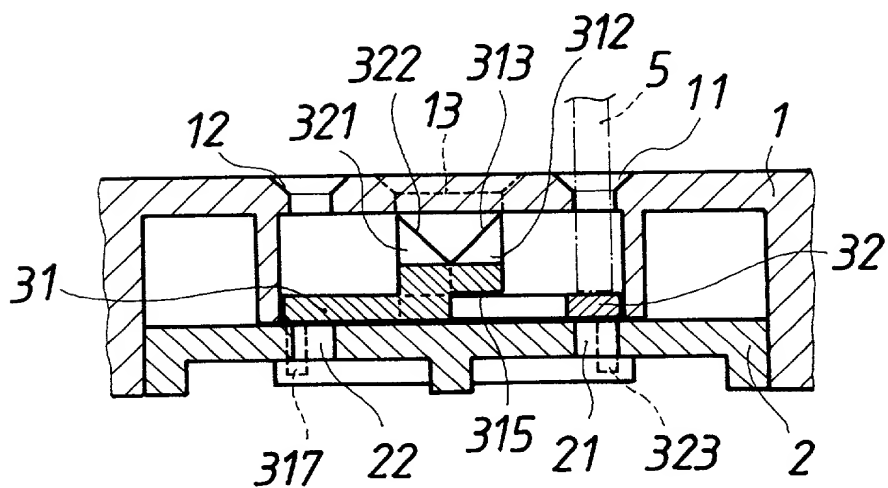


FIG. 5

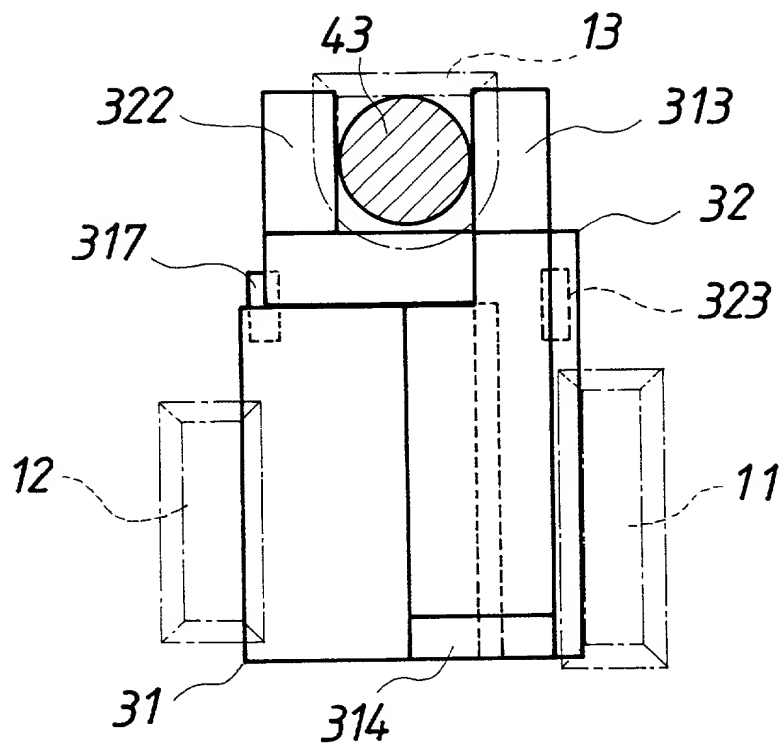


FIG. 6

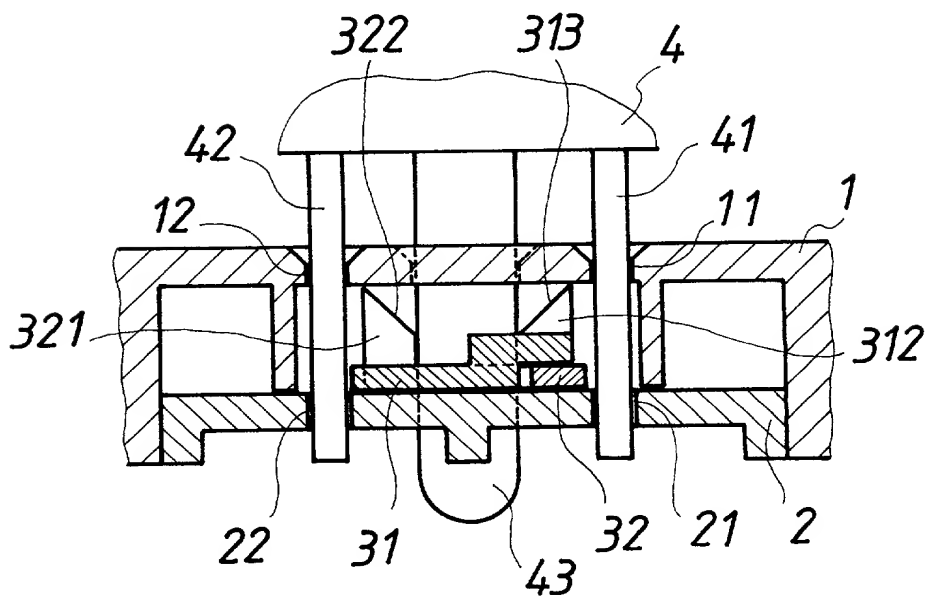


FIG. 7

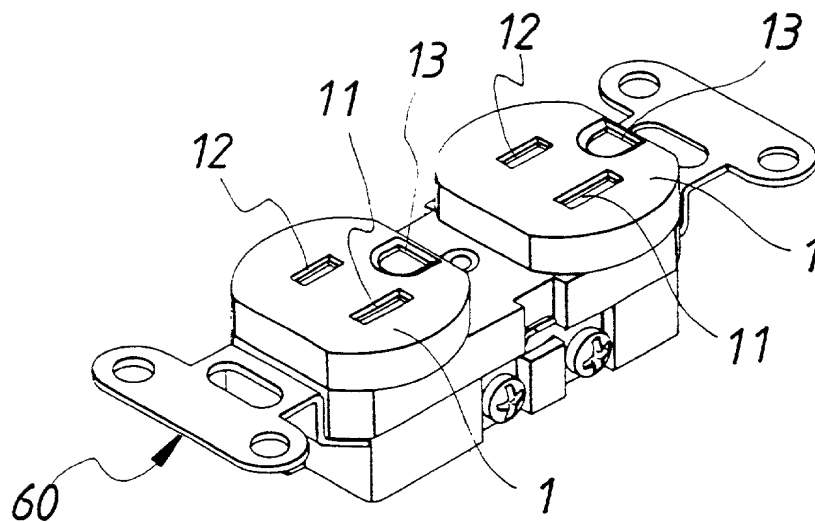


FIG. 8

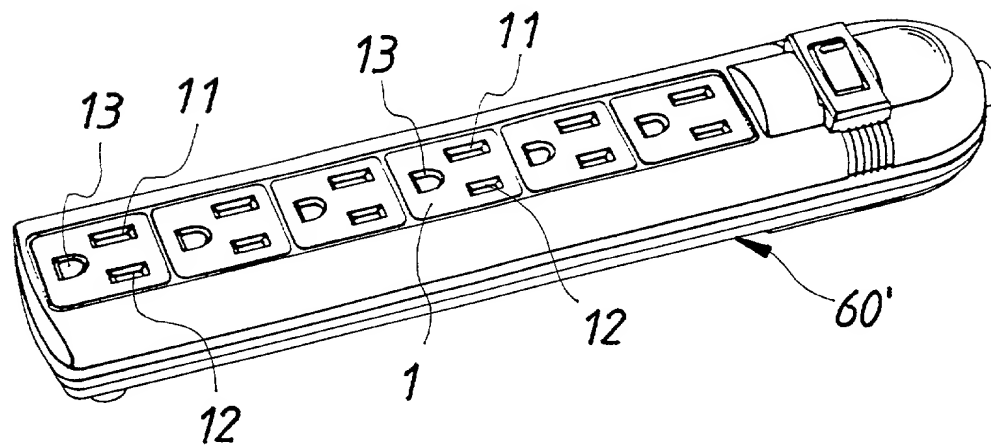


FIG. 9

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare: that my residence, post office address and citizenship are as stated below next to my name; that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled _____
SAFETY STRUCTURE OF A THREE-HOLE SOCKET _____

the specification of which (check only one item below):

- ☒ is attached hereto.
☐ was filed on _____ as
United States application Serial No. _____
and was amended on _____ (if applicable).
☐ was filed on _____ as
PCT international application No. _____
and was amended under PCT Article 19 on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claim(s), as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with the Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status)(patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status)(patented, pending, abandoned)

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

_____ (Application Serial No.)	_____ (Filing Date)
_____ (Application Serial No.)	_____ (Filing Date)

VARDELL & VARDELL, PLLC
(formerly Varndell Legal Group)

I hereby appoint as principal attorney R. Eugene Varndell, Jr., Reg. No. 29,728. Please direct all communications to the following address:

VARDELL & VARDELL, PLLC
SUITE 220
1150 SOUTH WASHINGTON STREET
ALEXANDRIA, VA 22314
(703) 683-9730

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

GIVEN NAME(S) Tsung-I YU	FAMILY NAME	INVENTOR'S SIGNATURE <i>Yu Tsung I</i>	DATE Nov. 22, 1999
RESIDENCE (City, State & Country) No. 45, Sec. 3, Pa Te Rd., Pan Chiao City, Taipei, Taiwan, R.O.C.			CITIZENSHIP Taiwan, R.O.C.
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) Same as above			
GIVEN NAME(S)	FAMILY NAME	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)			CITIZENSHIP
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME(S)	FAMILY NAME	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)			CITIZENSHIP
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME(S)	FAMILY NAME	INVENTOR'S SIGNATURE	DATE
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GIVEN NAME(S)	FAMILY NAME	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)			CITIZENSHIP
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME(S)	FAMILY NAME	INVENTOR'S SIGNATURE	DATE
RESIDENCE (City, State & Country)			CITIZENSHIP
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			

☐ Similar information and signature for sixth and subsequent joint inventors on attached sheet.